

Heat Rejected by Rad
 50% Ethylene Glycol Cp
 Density - 50% glycol mix
 Gal / ft³

3901 Btu/min Ed's spreadsheet -- 5600 rpm
 0.87 Btu/#-DegF
 63.4 #/ft³
 7.48 gal/ft³

Heat Transfer equation

$$Q = M \cdot Cp \cdot \Delta T$$

$$M = Q / (Cp \cdot \Delta T)$$

GPM required	Delta T	GPM	liter/min required
529.0	1	529.0	2002.5
52.9	10	52.9	200.3
26.5	20	26.5	100.1
17.6	30	17.6	66.8
13.2	40	13.2	50.1
10.6	50	10.6	40.1
8.8	60	8.8	33.4

